

antiquorum. But one of the most striking and characteristic differences in this part of the skeleton is the greater length of the metacarpal bones and phalanges, which in both the Hull and Utrecht specimens, not only relatively but even actually, exceed those of the full-grown *P. antiquorum*, 70 feet in length.

8. Lastly, the *baleen*. This is not preserved in the Utrecht specimen; but in the Hull skeleton it is in excellent condition, and shows a striking difference from that of the common species in being of a uniform deep black, instead of dark olive-brown or horn-colour, variegated towards the ends of the series with patches and stripes of a lighter colour.

4. DESCRIPTIONS OF NEW BIRDS FROM THE MALAY ARCHIPELAGO. BY ALFRED R. WALLACE, F.Z.S.

(Plates XXVIII., XXIX.)

I have here given the characters of twenty-one species of birds which appear to be new, and which, together with those already described by Mr. G. R. Gray and myself in the 'Proceedings' of this Society, and also a few described by Mr. Gould and Dr. Sclater, make up the number of 212 new species collected by me in the islands of the Malay archipelago. Of those now described, eight are from Celebes, and the rest from Sumatra, Borneo, the Moluccas, and the New Guinea group.

ACCIPITER ÆQUATORIALIS.

Supra cinereo-plumbeus, subtus cum torque humerali rufo-castaneus; capitis lateribus cinereis, gula pallide rufo-cinerea, caudalisque immaculatis.

Above slaty ash-colour; beneath light chocolate-brown, which extends in a broad collar between the shoulders; sides of the head ash-colour; throat light ashy, tinged with rufous; wing and tail uniform light ash-colour beneath; under wing- and tail-coverts scarcely paler than the belly; bill and claws black; cere, eyelids, and legs orange-yellow; iris golden orange-yellow.

♂. Total length $14\frac{1}{2}$ inches; wing $7\frac{3}{4}$; tail 6; tarsus 2; bill, to gape, $\frac{1}{1}\frac{1}{2}$.

♀. Total length $16\frac{1}{2}$ inches; wing 9; tail $7\frac{1}{2}$; tarsus $2\frac{5}{8}$; bill, to gape, $1\frac{2}{1}\frac{2}{2}$.

Hab. Batchian, Gilolo, Morty Islands, Waigiou, and Salwatty.

Remarks.—This species was pointed out to me by Mr. Gurney as being near *A. rufitorques*, Peale, which inhabits the Feejee Islands. It differs from that species in its rather larger size, different proportions, and coloration. It is also near *A. griseogularis*, G. R. G., which inhabits the same district; but differs from that species by its much smaller size, and in the entire absence of bands on the body, wings, or tail in the adult birds. Both these seem to be included



J. Wolf del. et lith.

RHIPIDURA TORRIDA

M. & N. Harshart imp.



J Wolf del. et lith.

M. H. Hartert imp.

- 1 PRIONOCHILUS AUREOLIMBATUS.
- 2 NECTARINIA FLAVO-STRIATA.



by Prof. Schlegel, in the 'Muséum des Pays-Bas' (Astures, p. 41), as forms of *A. cruentus*, Gould, which is confined to Australia and the adjacent island of Timor.

ACCIPITER MUELLERI.

Supra fusco-plumbeus, subtus rufo-cinnamomeus, capite plumbeo, gula albo-rufescente, cauda tenuiter fasciata.

Very like *Accipiter hiogaster*, Müller, but much larger, the throat less distinctly rufous, the under parts faintly white-banded, and the tail with about ten narrow bands; bill black; cere and feet bright yellow. The comparative dimensions of the two species will best show the difference between them.

	Total length.	Wing.	Tail.	Bill to point.	Height of upper mandible.	Tarsus.	Middle toe.
	inches.	inches.	in.	inch.	inch.	inches.	inch.
<i>A. hiogaster</i> , ♀ ..	15½	8	6½	1 ¹ / ₁₀	¹ / ₂₀	2 ¹ / ₁₀	1 ³ / ₁₀
<i>A. mülleri</i> , ♀ ..	18½	9½	9	1 ¹ / ₆	¹ / ₂₀	2½	1 ⁴ / ₁₀

Hab. Gilolo.

GERYGONE NEGLECTA.

Viridi-olivacea, subtus alba flavo tincta; remigibus reetricibusque fuscis flavo-viridi marginatis, rostro pedibusque pallidis.

Above rich greenish olive; beneath white, tinged with yellow, deepest on the belly; under wing-coverts white; quills and wing-coverts dusky, margined with olive-yellow; tail dusky, the feathers more obscurely margined; bill dusky; lower mandible very pale; feet pale.

Total length 4½ inches; wing 2½; bill, to gape, ½.

Hab. Waigiou; Mysol.

Remarks.—This species is most like *G. chloronota*, Gould. It is rather abundant in the island of Waigiou, frequenting thickets and bushes, catching insects on the wing, or picking them from the bark, and may often be heard snapping its bill like the larger true Fly-catchers.

GERYGONE PALPEBROSA.

Supra olivaceo-viridis, subtus flava; gula alba, loris et tectricibus aurium albo-cinereis, palpebris nigris; remigibus reetricibusque fuscis flavo-viridi marginatis.

Above olivaceous green; beneath bright yellow; throat white; lores and ear-coverts ashy white; eyelids black; under wing-coverts light yellow; quills and tail-feathers dusky, margined with olive-yellow; bill black; feet lead-colour; iris reddish brown.

Total length 4 inches; wing 2; bill, to gape, ½.

Hab. Aru Islands.

MUSCICAPA HELIANTHEA.

Olivaceo-flava, corpore subtus, cum fascia uropygiali, loris et palpebris, flavo; tectricibus alarum, remigibus reatricibusque fuscis olivaceo-flavo marginatis.

Above olive-yellow; beneath bright yellow; band across the rump, eyelids, and space before the eye yellow; wing and tail dusky, with the feathers yellow-margined; bill black above, beneath and feet dusky orange; claws pale; iris dark.

Total length $4\frac{3}{4}$ inches; wing $2\frac{3}{10}$; tail 2; bill, to gape, $\frac{1}{2}$.

Hab. Menado (Celebes).

CYORNIS RUFIGULA.

Cinereo-plumbea, gula et pectore rufis, abdomine et tectricibus caudæ inferioribus albis, genis plumbeo-nigris, lateribus cinereis, remigibus reatricibusque fuscis cinereo-marginatis.

Dark ashy blue; throat and breast bright rufous, becoming pale on the belly and pure white on the under tail-coverts; front of the eye and ear-coverts blackish; under wing-coverts rufescent white; quills and tail-feathers dusky, ashy-margined; iris dark; bill black; feet nearly white.

Total length 5 inches; wing $2\frac{1}{2}$; tail 2; bill, to gape, $\frac{6}{10}$.

Hab. Menado (Celebes).

CYORNIS RUFIFRONS.

Obscure cyanea; uropygio tectricibusque caudæ superioribus cæruleis; fronte, loris, linea superciliari et corpore subtus, rufis; mento genisque cyaneo-nigris; tectricibus caudæ inferioribus albis rufo tinctis; alis caudaque fusco-nigris, remigibus reatricibusque cæruleo marginatis.

Above dusky blue; bright blue on the rump and edges of the tail-feathers; forehead, a line above and below the eye, and the under surface bright rufous; under tail-coverts whitish; chin and cheeks blue-black; wings dusky, the quills narrowly blue-edged; the lesser wing-coverts tipped with rufous spots; tail black, the feathers blue-margined; bill large and broad, black above, pale beneath; feet pale purplish.

Total length 6 inches; wing $2\frac{7}{8}$; tail $2\frac{3}{8}$; tarsus $\frac{7}{12}$.

Hab. Borneo.

RHIPIDURA LONGICAUDA.

Fusca; capite, mento, fascia gulavi, lateribus pectoris caudaque fusco-nigris; gula, pectore et superciliis albis; ventre ochraceo-albo; alis fusco-nigris, tectricibus alarum rufo terminatis; cauda longa, rectricum extimarum utrinque trium apicibus albis.

Very near *Rhipidura javanica*, from which it differs in the longer tail, narrower white tips to only three outer tail-feathers, and the black chin; iris dark; bill and feet black.

Total length $7\frac{1}{4}$ inches; wings $3\frac{1}{8}$; tail 4 (*R. javanica*, $3\frac{1}{2}$ inches).

Hab. Sumatra.

RHIPIDURA TORRIDA. (Pl. XXVIII.)

Rufo-fusca, subtus alba; pectore nigro, parte inferiore albo squamata; fronte, superciliis, uropygio et caudæ dimidio basali intense rufis; rectricibus omnibus albo terminatis.

Olive-brown; beneath white; vent and under tail-coverts rufous-tinged; in front of and beneath the eye, ear-coverts, lower part of the neck, and breast black; on the lower parts each feather is white-edged; forehead and a short stripe above the eye, lower part of the back, upper tail-coverts, and half the tail (less on the outer feathers) rust-red; lower eyelid white; all the tail-feathers, decreasing to the middle ones, white-tipped; bill dusky, very short, bristles from gape very long; feet dusky olive; iris dark.

Total length $6\frac{1}{2}$ inches; wing 3; tail $3\frac{1}{2}$.

Hab. Ternate, on the summit of the volcano, 4000 feet above the sea.

Remarks.—Near *R. semicollaris*, Müll., from Banda, from which it differs in the shorter bill, as well as in the arrangement of the colours.

RHIPIDURA CINEREA.

Fusco-cinerea; alis caudaque fuscis; subtus alba, pectore cinereo albo maculato.

Dusky ash-colour; head rather darker; wings dusky brown; tail rather darker; over the eye a nearly concealed white stripe; neck and throat white; breast and sides ash-colour, feathers on upper part of the breast with each a white oval spot; middle of the lower breast, belly, under tail- and wing-coverts white; bill black, large and strong; feet dusky.

Total length $6\frac{3}{4}$ inches; wing $3\frac{1}{2}$; tail $3\frac{1}{2}$.

Hab. Ceram.

Remark.—Nearest to *R. assimilis*, G. R. Gray, from which it may be at once distinguished by its want of any terminal white spots on the tail-feathers.

PRIONOCHILUS AUREOLIMBATUS. (Pl. XXIX. fig. 1.)

Fulvo-olivaceus, alis caudaque nigris; fascia a fronte ad aures fusco-nigra; subtus albus, pectore grisescente, lateribus corporis tectricibusque caudæ inferioribus luteis.

Fulvous olive; wings and tail black; a band over the eyes and ears dusky black; chin and throat white; breast greyish white; sides of the breast and body rich yellow, leaving a median stripe white; under tail-coverts yellow; iris light reddish brown; feet black; bill black in the male, with the base of the lower mandible plumbeous in the female.

Total length $3\frac{1}{2}$ inches; wing 2; tail 1.

Hab. North Celebes, in the mountains of Minalassa.

Remarks.—About low bushes and shrubs, feeding on fruit.